reference in its entirety) was digested with PstI and BclI and inserted to give the plasmid pMOL944. The two primers used for PCR amplification have the following sequence:

#LWN7864 5` -AACAGCTGATCACGACTGATCTTTTAGCTTGGCAC-3´ (SEQ ID NO: 7)

#LWN7901 5` -AACTGCAGCCGCGGCACATCATAATGGGACAAATGGG -3´ (SEQ ID NO: 8)

Please replace the paragraph on page 30, lines 9-13 with:

Cel9.B.lich.upper.PstI

5'-CAT CAT TCT GCA GCC GCG GCA GCT TCT GCT GAA GAA TAT CCT C-3' (SEQ ID NO: 9)

Cel9.B.lich.lower.NotI

5'-GCG AGA ATA GCG GCC GCT AGT AAC CGG GCT CAT GTC CG-3' (SEQ ID NO: 10)

Please replace the paragraph on page 32, lines 35-36 with:

N-terminal determination of the pure endoglucanase: EYPHNYAELLQK (amino acids 1-12 of SEQ ID NO: 2).

Please delete the previously submitted Sequence Listing and insert the attached Sequence Listing (pages 1-9) at the end of the specification.

IN THE CLAIMS:

Please cancel claims 27-42 without prejudice or disclaimer. Please add new claims 43-61:

43. An enzyme exhibiting beta-1,4-endoglucanase activity (EC 3.2.1.4) which has a temperature optimum of 65°C measured at a pH of 7.5 and an amino acid sequence that is at least 75% identical to amino acids 1-456 or 1-617 of SEQ ID NO: 2 wherein identity is determined by GAP provided in the GCG program package using a GAP creation penalty of 3.0 and GAP extension penalty of 0.1.

44. The enzyme of claim 43, which belongs to family 9 of glycosyl hydrolases.